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## RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/518,382  
Source: PG  
Date Processed by STIC: 1/13/06

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/518,382

DATE: 07/03/2006

TIME: 09:31:47

Input Set : N:\Crf4\Reffold\10\_folder\J518382.raw

Output Set: N:\CRF4\07032006\J518382.raw

1 <110> APPLICANT: SANSON, ALAIN  
 2 OCHSENBEIN, FRANCOISE  
 3 DOLLE, FREDERIC  
 4 <120> TITLE OF INVENTION: LABELLED PEPTIDES HAVING AFFINITY FOR A PHOSPHOLIPID AND  
 USES  
 5 <130> FILE REFERENCE: 263859US0XPCT  
 6 <140> CURRENT APPLICATION NUMBER: US/10/518,382  
 7 <141> CURRENT FILING DATE: 2004-12-29  
 8 <150> PRIOR APPLICATION NUMBER: PCT/FR03/02027  
 9 <151> PRIOR FILING DATE: 2003-06-30  
 10 <150> PRIOR APPLICATION NUMBER: FR 02 08204  
 11 <151> PRIOR FILING DATE: 2002-07-01  
 12 <160> NUMBER OF SEQ ID NOS: 14  
 13 <170> SOFTWARE: PatentIn version 3.3  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 75  
 17 <212> TYPE: PRT  
 18 <213> ORGANISM: Artificial Sequence  
 19 <220> FEATURE:  
 20 <223> OTHER INFORMATION: Synthetic Peptide  
 21 <400> SEQUENCE: 1  
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 23 1 5 10 15  
 24 Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu Thr Ser Arg  
 25 20 25 30  
 26 Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala Tyr Lys Thr Leu Phe  
 27 35 40 45  
 28 Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe  
 29 50 55 60  
 30 Glu Lys Leu Val Val Ala Leu Leu Lys Pro Ser  
 31 65 70 75  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 75  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Artificial Sequence  
 37 <220> FEATURE:  
 38 <223> OTHER INFORMATION: Synthetic Peptide  
 39 <400> SEQUENCE: 2  
 40 Asn Phe Asp Ala Glu Arg Asp Ala Leu Asn Ile Arg Lys Ala Ile Lys  
 41 1 5 10 15  
 42 Gly Met Gly Val Asp Glu Asp Thr Ile Val Asn Ile Leu Thr Asn Arg  
 43 20 25 30  
 44 Ser Asn Ala Gln Arg Gln Asp Ile Ala Phe Ala Tyr Gln Arg Arg Thr  
 45 35 40 45

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/518,382

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Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw  
 Output Set: N:\CRF4\07032006\J518382.raw

46 Lys Arg Glu Leu Ala Ser Asp Leu Lys Ser Glu Leu Ser Gly His Leu  
 47 50 55 60  
 48 Glu Arg Val Ile Leu Gly Leu Leu Lys Thr Ser  
 49 65 70 75  
 51 <210> SEQ ID NO: 3  
 52 <211> LENGTH: 75  
 53 <212> TYPE: PRT  
 54 <213> ORGANISM: Artificial Sequence  
 55 <220> FEATURE:  
 56 <223> OTHER INFORMATION: Synthetic Peptide  
 57 <400> SEQUENCE: 3  
 58 Asp Phe Ser Pro Ser Val Asp Ala Glu Ala Ile Arg Lys Ala Ile Lys  
 59 1 5 10 15  
 60 Gly Ile Gly Thr Asp Glu Asp Met Leu Ile Ser Ile Leu Thr Glu Arg  
 61 20 25 30  
 62 Ser Asn Ala Gln Arg Gln Leu Ile Val Lys Glu Tyr Gln Ala Ala Tyr  
 63 35 40 45  
 64 Gly Arg Glu Leu Lys Asp Asp Leu Lys Ser Glu Leu Ser Gly His Phe  
 65 50 55 60  
 66 Glu Arg Leu Met Val Ala Leu Val Thr Pro Ser  
 67 65 70 75  
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 71 <212> TYPE: PRT  
 72 <213> ORGANISM: Artificial Sequence  
 73 <220> FEATURE:  
 74 <223> OTHER INFORMATION: Synthetic Peptide  
 75 <400> SEQUENCE: 4  
 76 Gly Phe Asn Ala Met Glu Asp Ala Gln Thr Leu Arg Lys Ala Met Lys  
 77 1 5 10 15  
 78 Gly Leu Gly Thr Asp Glu Asp Ala Ile Ile Ser Val Leu Ala Tyr Arg  
 79 20 25 30  
 80 Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr Lys Ser Thr Ile  
 81 35 40 45  
 82 Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe  
 83 50 55 60  
 84 Glu Arg Val Ile Val Gly Met Met Thr Pro Ser  
 85 65 70 75  
 87 <210> SEQ ID NO: 5  
 88 <211> LENGTH: 75  
 89 <212> TYPE: PRT  
 90 <213> ORGANISM: Artificial Sequence  
 91 <220> FEATURE:  
 92 <223> OTHER INFORMATION: Synthetic Peptide  
 93 <400> SEQUENCE: 5  
 94 Gly Phe Asp Pro Asn Gln Asp Ala Glu Ala Leu Arg Thr Ala Met Lys  
 95 1 5 10 15  
 96 Gly Phe Gly Ser Asp Glu Glu Ala Ile Leu Asp Ile Ile Thr Ser Arg  
 97 20 25 30

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Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw  
 Output Set: N:\CRF4\07032006\J518382.raw

98       Ser Asn Arg Gln Arg Gln Glu Val Cys Gln Ser Tyr Lys Ser Leu Tyr  
 99               35                   40                   45  
 100      Gly Arg Asp Leu Ile Ala Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe  
 101               50                   55                   60  
 102      Glu Arg Leu Ile Val Gly Leu Met Arg Pro Ser  
 103               65                   70                   75  
 105 <210> SEQ ID NO: 6  
 106 <211> LENGTH: 75  
 107 <212> TYPE: PRT  
 108 <213> ORGANISM: Artificial Sequence  
 109 <220> FEATURE:  
 110 <223> OTHER INFORMATION: Synthetic Peptide  
 111 <400> SEQUENCE: 6  
 112      Gly Phe Asn Pro Asp Ala Asp Ala Lys Ala Leu Arg Lys Ala Met Lys  
 113               1                   5                   10                   15  
 114      Gly Leu Gly Thr Asp Glu Asp Thr Ile Ile Asp Ile Ile Thr His Arg  
 115               20                   25                   30  
 116      Ser Asn Val Gln Arg Gln Gln Ile Arg Gln Thr Phe Lys Ser His Phe  
 117               35                   40                   45  
 118      Gly Arg Asp Leu Met Thr Asp Leu Lys Ser Glu Ile Ser Gly Asp Leu  
 119               50                   55                   60  
 120      Glu Arg Leu Ile Leu Gly Leu Met Met Pro Ser  
 121               65                   70                   75  
 123 <210> SEQ ID NO: 7  
 124 <211> LENGTH: 75  
 125 <212> TYPE: PRT  
 126 <213> ORGANISM: Artificial Sequence  
 127 <220> FEATURE:  
 128 <223> OTHER INFORMATION: Synthetic Peptide  
 129 <400> SEQUENCE: 7  
 130      Pro Gly Asp Ala Ile Arg Asp Ala Glu Ile Leu Arg Lys Ala Met Lys  
 131               1                   5                   10                   15  
 132      Gly Phe Gly Thr Asp Glu Gln Ala Ile Val Asp Val Val Ala Asn Arg  
 133               20                   25                   30  
 134      Ser Asn Asp Gln Arg Gln Lys Ile Lys Ala Ala Phe Lys Thr Ser Tyr  
 135               35                   40                   45  
 136      Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Met  
 137               50                   55                   60  
 138      Glu Arg Leu Ile Leu Ala Leu Phe Met Pro Ser  
 139               65                   70                   75  
 141 <210> SEQ ID NO: 8  
 142 <211> LENGTH: 75  
 143 <212> TYPE: PRT  
 144 <213> ORGANISM: Artificial Sequence  
 145 <220> FEATURE:  
 146 <223> OTHER INFORMATION: Synthetic Peptide  
 147 <400> SEQUENCE: 8  
 148      His Phe Asn Pro Asp Pro Asp Val Glu Thr Leu Arg Lys Ala Met Lys  
 149               1                   5                   10                   15

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Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw  
 Output Set: N:\CRF4\07032006\J518382.raw

150 Gly Ile Gly Thr Asn Glu Gln Ala Ile Ile Asp Val Leu Thr Lys Arg  
 151 20 25 30  
 152 Ser Asn Thr Gln Arg Gln Thr Ile Ala Lys Ser Phe Lys Ala Gln Phe  
 153 35 40 45  
 154 Gly Arg Asp Leu Thr Glu Asp Leu Lys Ser Glu Leu Ser Gly Lys Leu  
 155 50 55 60  
 156 Glu Arg Leu Ile Val Ala Leu Met Tyr Pro Ser  
 157 65 70 75  
 159 <210> SEQ ID NO: 9  
 160 <211> LENGTH: 75  
 161 <212> TYPE: PRT  
 162 <213> ORGANISM: Artificial Sequence  
 163 <220> FEATURE:  
 164 <223> OTHER INFORMATION: Synthetic Peptide  
 165 <400> SEQUENCE: 9  
 166 Gly Phe Asp Pro Leu Arg Asp Ala Glu Val Leu Arg Lys Ala Met Lys  
 167 1 5 10 15  
 168 Gly Phe Gly Thr Asp Glu Gln Ala Ile Ile Asp Cys Leu Gly Ser Arg  
 169 20 25 30  
 170 Ser Asn Lys Gln Arg Gln Gln Ile Leu Leu Ser Phe Lys Thr Ala Tyr  
 171 35 40 45  
 172 Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe  
 173 50 55 60  
 174 Glu Lys Thr Ile Leu Ala Leu Met Lys Thr Ser  
 175 65 70 75  
 177 <210> SEQ ID NO: 10  
 178 <211> LENGTH: 75  
 179 <212> TYPE: PRT  
 180 <213> ORGANISM: Artificial Sequence  
 181 <220> FEATURE:  
 182 <223> OTHER INFORMATION: Synthetic Peptide  
 183 <400> SEQUENCE: 10  
 184 Gly Phe Asp Val Asp Arg Asp Ala Lys Lys Leu Arg Lys Ala Met Lys  
 185 1 5 10 15  
 186 Gly Met Gly Thr Asn Glu Ala Ala Ile Ile Glu Ile Leu Ser Gly Arg  
 187 20 25 30  
 188 Thr Ser Asp Glu Arg Gln Gln Ile Lys Gln Lys Tyr Lys Ala Thr Tyr  
 189 35 40 45  
 190 Gly Arg Glu Leu Glu Glu Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe  
 191 50 55 60  
 192 Glu Lys Thr Ala Leu Ala Leu Leu Asp Arg Ser  
 193 65 70 75  
 195 <210> SEQ ID NO: 11  
 196 <211> LENGTH: 79  
 197 <212> TYPE: PRT  
 198 <213> ORGANISM: Artificial Sequence  
 199 <220> FEATURE:  
 200 <223> OTHER INFORMATION: Synthetic Peptide  
 201 <220> FEATURE:

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PATENT APPLICATION: US/10/518,382

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TIME: 09:31:47

Input Set : N:\Crf4\Refhold\10\_folder\J518382.raw  
Output Set: N:\CRF4\07032006\J518382.raw

202 <221> NAME/KEY: MISC\_FEATURE  
203 <222> LOCATION: (22)..(22)  
204 <223> OTHER INFORMATION: Xaa = Leu, Met, or Trp  
205 <220> FEATURE:  
206 <221> NAME/KEY: MISC\_FEATURE  
207 <222> LOCATION: (34)..(34)  
208 <223> OTHER INFORMATION: Xaa = Thr or Lys  
209 <220> FEATURE:  
210 <221> NAME/KEY: MISC\_FEATURE  
211 <222> LOCATION: (45)..(45)  
212 <223> OTHER INFORMATION: Xaa = Ser or Lys  
213 <220> FEATURE:  
214 <221> NAME/KEY: MISC\_FEATURE  
215 <222> LOCATION: (48)..(48)  
216 <223> OTHER INFORMATION: Xaa = Phe or Tyr  
217 <220> FEATURE:  
218 <221> NAME/KEY: MISC\_FEATURE  
219 <222> LOCATION: (50)..(50)  
220 <223> OTHER INFORMATION: Xaa = Thr or Glu  
221 <220> FEATURE:  
222 <221> NAME/KEY: MISC\_FEATURE  
223 <222> LOCATION: (63)..(63)  
224 <223> OTHER INFORMATION: Xaa = Gly or Lys  
225 <220> FEATURE:  
226 <221> NAME/KEY: MISC\_FEATURE  
227 <222> LOCATION: (69)..(69)  
228 <223> OTHER INFORMATION: Xaa = Glu or Lys  
229 <220> FEATURE:  
230 <221> NAME/KEY: MISC\_FEATURE  
231 <222> LOCATION: (71)..(71)  
232 <223> OTHER INFORMATION: Xaa = Glu or Leu  
233 <400> SEQUENCE: 11  
234 Gly Ser Gly Cys Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg  
235 1 5 10 15  
W--> 236 Lys Ala Met Lys Gly Xaa Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu  
237 20 25 30  
238 Leu Xaa Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Xaa Ala Ala Xaa  
239 35 40 45  
240 Lys Xaa Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Xaa Leu  
241 50 55 60  
242 Thr Gly Lys Phe Xaa Lys Xaa Val Val Ala Leu Leu Lys Pro Ser  
243 65 70 75  
245 <210> SEQ ID NO: 12  
246 <211> LENGTH: 78  
247 <212> TYPE: PRT  
248 <213> ORGANISM: Artificial Sequence  
249 <220> FEATURE:  
250 <223> OTHER INFORMATION: Synthetic Peptide  
251 <400> SEQUENCE: 12

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/03/2006  
PATENT APPLICATION: US/10/518,382 TIME: 09:31:48

Input Set : N:\CrF4\Refhold\10\_folder\J518382.raw  
Output Set: N:\CRF4\07032006\J518382.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 22,34,45,48,50,63,69,71  
Seq#:13; Xaa Pos. 25,37,48,51,53,66,72,74  
Seq#:14; Xaa Pos. 29,41,52,55,57,70,76,78

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 4

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/518,382

DATE: 07/03/2006

TIME: 09:31:48

Input Set : N:\Crf4\Reffold\10\_folder\J518382.raw  
Output Set: N:\CRF4\07032006\J518382.raw

L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16

M:341 Repeated in SeqNo=11

L:304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16

M:341 Repeated in SeqNo=13

L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16

M:341 Repeated in SeqNo=14